



# **Perchlorate Stakeholders Forum**

Sponsored by the  
**Interagency Perchlorate Steering Committee**  
August 25, 1998 - Salt Lake City, Utah  
Utah Department of Environmental Quality  
168 North 1950 West, Building 2, Room 101

## **Agenda**

**7:30 - 8:00 a.m.      Check-in and walk-in registration**

**8:00 - 8:15 a.m.      Administrative Announcements**

*Facilitator: Marie Alexander, Utah Department of Environmental Quality, Salt Lake City, UT*

**8:15 - 8:45 a.m.      Opening Remarks**

*Kevin Brown, Director, Division of Drinking Water, Utah Department of Environmental Quality, Salt Lake City, UT*

*Jack Rychecky, Manager, Drinking Water Program, United States Environmental Protection Agency, (USEPA) Region 8, Denver, CO*

**9:15 a.m. - 10:00 a.m.      SESSION 1 - Background**

Overview and History of the Perchlorate Problem

Time-line for Ongoing Activities on Perchlorate

*Lt. Col. Dan Rogers, U.S. Air Force, Wright Patterson Air Force Base, OH*

Perchlorate Occurrence

*Kevin Mayer, Superfund Division, USEPA Region 9, San Francisco, CA*

*Rachael Cassady, Division of Drinking Water, Utah Department of Environmental Quality, Salt Lake City, UT*

**10:00 a.m. - 10:15 a.m.      BREAK**

**10:15 a.m. - 11:45 a.m.      SESSION 2 - Perchlorate Health Effects/Toxicity**

Testing Strategy and Revision of Reference Dose/Risk Assessment

*Annie Jarabek, National Center for Environmental Assessment, USEPA, Research Triangle Park, NC*

Status of Studies

*David Mattie, U.S. Air Force Research Lab, Wright Patterson Air Force Base, OH*

External Peer Review of Risk Assessment

*Peter Grevatt, Office of Solid Waste and Emergency Response, USEPA, Washington, DC*

Update – Office of Water Regulatory and Policy Activities

*Mike Osinski, Office of Water, USEPA, Washington, DC*

**11:45 a.m. - 12:15 p.m.      Facilitated Discussion**

**12:15 p.m. - 1:15 p.m.      LUNCH**

**1:15 p.m. - 2:00 p.m.      SESSION 3 -Analytical Methods**

Chemistry of Perchlorate

Background on Analytical Techniques

Analysis of Perchlorate by Ion Chromatography (IC)

Interlaboratory Study on the Performance of IC Methods

Anion Interference Study

Stability Study

*David Tsui, U.S. Air Force, Wright Patterson Air Force Base, OH*

**2:00 p.m. - 2:15 p.m.      BREAK**

**2:15 p.m. - 3:00 p.m.      SESSION 4 - Ecological Impacts/Transport and Transformation**

Introduction/Background/Transport and Transformation

Historical Studies/Applicability

Proposed Activities - Data Gaps/Future Direction

*Cornell Long, Human Systems Center, Brooks Air Force Base, TX*

*Ron Porter, Human Systems Center, Brooks Air Force Base, TX*

**3:00 p.m. - 3:30 p.m.      Facilitated Discussion**

**3:30 p.m. - 3:45 p.m.      BREAK**

**3:45 p.m. - 4:30 p.m.            SESSION 5 - Treatment Technology**

Background

Introduction to Past and Current Treatment Studies

Biological Treatment of Wastewater

Biological Treatment of Low Level Perchlorate Contamination

Perchlorate Treatment by Ion Exchange

Perchlorate Treatment by Enhanced Coagulation and Advanced Oxidation Membranes

Future Treatment Studies

*Jim Hurley, U.S. Air Force Research Lab, Tyndall Air Force Base, FL*

**4:30 p.m. - 5:00 p.m.            Facilitated Discussion**

**5:00 p.m. - 5:30 p.m.            Session 6 - Summary & Closing**

Wrap-up & Next Steps

**7:00 p.m. - 9:00 p.m.            Public Availability Session, Magna Senior Citizen's Center, Magna, UT**

Overview and History of the Perchlorate Problem

Time-line for Ongoing Activities on Perchlorate

*Lt. Col. Dan Rogers, U.S. Air Force, Wright Patterson Air Force Base, OH*

Perchlorate Occurrence in Utah and Activities related to Perchlorate in Magna, UT

*Bill Wallner, Division of Solid and Hazardous Waste, Utah Department of Environmental Quality, Salt Lake City, UT*

Facilitated discussion

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46923	08-25-1998	3	47035	N	..Mtg Agenda: Perchlorate stakeholders forum in Salt Lake City, UT, 8/25/98
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